

## 5.4 Air Quality

The following mitigation measures are recommended for Alternatives A, B, C, D, and E:

### Dust Abatement Program

**Measure 5.4-1.** The applicant shall require construction contractors to implement an appropriate dust abatement program as noted below:

- Water all active construction areas at least twice daily to the extent necessary.
- Cover open bodied trucks when used for transporting materials (e.g., soil, sand, and other loose materials) likely to give rise to airborne dust.
- Apply asphalt, oil, water or suitable chemicals on unpaved roads, parking areas, staging areas, materials stockpiles, and other surfaces at construction sites which can give rise to airborne dust.
- Sweep daily (with water sweepers) all paved access roads, parking areas, and staging areas at construction sites so as to maintain them in a clean condition.
- Sweep streets daily (with water sweepers) if visible soil material is carried onto adjacent public streets so as to maintain them in a clean condition.
- Limit traffic speeds on unpaved roads to 15 miles per hour (mph).
- Install sandbags or other erosion-control measures to prevent silt runoff to public roadways.

**Measure 5.4-2:** All construction equipment shall be properly tuned and maintained in accordance with manufacturer's specifications.

**Measure 5.4-3:** General contractors shall maintain and operate construction equipment so as to minimize exhaust emissions. During construction, trucks and vehicles in loading and unloading queues shall turn their engines off when not in use to reduce vehicle emissions.

**Measure 5.4-4:** Electricity from power poles rather than temporary diesel- or gasoline-powered generators shall be used to the extent feasible.

### Transportation and Motor Vehicle Measures

**Measure 5.4-5.** Implement the Transportation and Motor Vehicle Measures below:

- Incorporate public transit into project design
- Limit idling time for commercial vehicles, including delivery and construction vehicles.
- Use low or zero-emission vehicles, including construction vehicles.
- Promote ride sharing programs e.g., by designating a certain percentage of parking spaces for ride sharing vehicles, designating adequate passenger loading and unloading and waiting areas for ride sharing vehicles, and providing a web site or message board for coordinating rides.

- Create car sharing programs. Accommodations for such programs include providing parking spaces for the car share vehicles at convenient locations accessible by public transportation.
- Increase the cost of driving and parking private vehicles by, e.g., imposing tolls and parking fees.
- Provide shuttle service to public transit.
- Provide public transit incentives such as free or low-cost monthly transit passes.
- Implement parking cash-out program for employees, e.g., non driving employees receive transportation allowance equivalent to value of subsidized parking.

### **Toxic Air Contaminants**

**Measure 5.5-6.** Implement the Transportation and Motor Vehicle Measures described below, to the extent feasible:

- Incorporate public transit into project design (0.5- 2% reduction of all trips).
- Limit idling time for commercial vehicles, including delivery and construction vehicles.
- Use low or zero-emission vehicles, including construction vehicles
- Promote ride sharing programs e.g., by designating a certain percentage of parking spaces for ride sharing vehicles, designating adequate passenger loading and unloading and waiting areas for ride sharing vehicles, and providing a web site or message board for coordinating rides (1-4% reduction of work trips).
- Create car sharing programs. Accommodations for such programs include providing parking spaces for the car share vehicles at convenient locations accessible by public transportation (1-3% reduction of work trips).
- Increase the cost of driving and parking private vehicles by, e.g., imposing tolls and parking fees (2-20% reduction of work trips).
- Provide shuttle service to public transit (1-2% reduction of work trips).
- Provide public transit incentives such as free or low-cost monthly transit passes.
- Implement parking cash-out program for employees, e.g., non driving employees receive transportation allowance equivalent to value of subsidized parking (2 – 20% of work trips).

**Measure 5.4-7.** The applicant shall require busses and diesel loading trucks to comply with the California Air Resource Board's Airborne Toxic Control Measure to Limit Diesel-Fueled Commercial Motor Vehicle Idling (California Code of Regulations, Title 13, Division 3, Article 1, Chapter 10, Section 2458) which requires that the driver shall not idle for more than 5 minutes at any location, except in the case of passenger boarding where a ten minute limit is imposed, or when passengers are onboard.

## Odor Management Plan

**Measure 5.4-8.** The operator of the WWTP shall formulate a progressive Odor Management Plan. This plan will allow the operator to respond to odor complaints and revise operations as necessary. The operator shall coordinate with the NSCAPCD to ensure that the operator is notified of all odor complaints received regarding the facility. The Plan shall discuss this complaint response protocol and include progressive measures to be made in the event of repeated, verified complaints. When the operator or NSCAPCD staff verify strong odors at off-site receptors, the operator shall make changes in site operations to reduce the potential for odors. Odors may be reduced by installing additional odor control equipment, making process/treatment modifications, or other activities. Once complete, the Plan shall be submitted to the ICAPCD for a 30-day period for review and comment.

## Energy Efficient Measures

**Measure 5.4-9.** Implement the Energy Efficient Measures below:

- Install efficient lighting and lighting control systems. Site and design building to take advantage of daylight.
- Install energy efficient heating and cooling systems, appliances and equipment, and control systems.
- Use solar heating, automatic covers, and efficient pumps and motors for pools and spas.
- Bus Shelter for Existing/Planned Transit Service
- Parking Area Tree Cover (50% cover in 10 years)
- Enhanced Recycling
- Drought tolerant landscaping and shade trees

## Indoor Air Quality

**Mitigation Measure 5.4.10:** The following measures are recommended for all alternatives.

- The Tribe shall ensure that ventilation of outdoor air is consistent with ASHRAE Standard 62-19991 under all operating conditions.
- To limit public exposure to environmental tobacco smoke, the Tribe shall provide non-smoking areas, or “smoke-free zones” in the casino gaming area.
- The Tribe shall provide non-smoking rooms in the hotel.
- The Tribe shall post information regarding the deleterious effects of second-hand smoke in employee break room.